Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

_	Under	the Paperwork Redu	<u>ction Act of 1995, r</u>	no persons are required t	o respond to a collection of informa	tion unless it contains a valid OMB con	<u>.rol number.</u>			
	Subs	titute for form 1449/P	то		Complete if Known					
					Application Number	10/812,606				
	IM	EODMATI	ON DISC	OSLIDE	Filing Date					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Frank J. Dunn							
	Si				Art Unit					
		(Use as man	y sheets as neces	ssary)	Examiner Name					
	Sheet	1	of	2	Attorney Docket Number	dunn033004div				

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear
PM	1	<sup>US-</sup> 5,279,986	01-18-1994	Maloney et al.	
7	2	<sup>US-</sup> 5,288,364	02-22-1994	Burt et al.	
	3	<sup>US-</sup> 5,160,545	11-03-1992	Maloney et al.	
	4	<sup>US-</sup> 5,152,842	10-06-1992	Urata et al.	
	5	<sup>US-</sup> 4,858,557	08-22-1989	Pozzetti et al.	
	6	<sup>US-</sup> 5,441,571	08-15-1995	Ohta et al.	
	7	<sup>US-</sup> 6,019,839	02-01-2000	Achutharaman et al.	
	8	US- 5,053,247	10-01-1991	Gary M. Moore	
	9	<sup>US-</sup> 4,047,496	09-13-1977	McNeilly et al.	
	10	US- 4,496,609	01-29-1985	McNeilly et al.	
	11	<sup>US-</sup> 4,081,313	03-28-1978	McNeilly et al.	
	12	<sup>US-</sup> 4,421,786	12-20-1983	Mahajan et al.	
	13	<sup>US-</sup> 4,976,217	12-11-1990	Peter Frijlink	
	14	US- 4,789,771	12-06-1988	Robinson et al.	
	15	US- 4,511,788	04-16-1985	Arai et al.	
	16	<sup>US-</sup> 4,496,828	01-29-1985	Kusmierz et al.	
	17	<sup>US-</sup> 4,641,603	02-10-1987	Miyazaki et al.	
	18	<sup>US-</sup> 5,062,386	11-05-1991	Robert W. Christense	
Ay	19	<sup>US-</sup> 4,563,367	01-07-1986	Arthur Sherman	

		FOREIG	N PATENT DOCU	MENTS		_
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Τ
<u>_</u> ,		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>6</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Т
			)			
						L
		7				L
						L
	Ĺ		·J.	<u> </u>	<u> </u>	L
Examiner Signature	1	A. MARUEL		Date Considered	1/22/25	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** Filing Date INFORMATION DISCLOSURE First Named Inventor Frank J. Dunn STATEMENT BY APPLICANT **Art Unit** (Use as many sheets as necessary) Examiner Name Attorney Docket Number dunn033004div of Sheet

Examiner	Cite	Document Number	U. S. PATEN Publication Date		Name of Patentee or	Pages, Columns, Lines, Wh	ere
Initiats*	No.	Number-Kind Code <sup>2 (I known)</sup>	MM-DD-YYYY		plicant of Cited Document	Relevant Passages or Relev Figures Appear	
DK.	20	<sup>US-</sup> 5,855,677	01-05-1999	Carlsor	n et al.		
7	21	<sup>US-</sup> 4,923,681	05-08-1990	Cox et	al.		
	22	US- 5,818,194	01-06-1998	Craig J	. Nordby		
Au	23	<sup>US-</sup> 4,734,012	03-29-1988	Dob et	al.		_
		U\$-					_
		US-	1	1/-			
	-	US-		<del>/                                    </del>			_
		US-	<del>                                     </del>	/			_
		US-	<del> /</del>	+			
		US-	<del>                                     </del>	+			
		US-	<del>                                     </del>	<del>                                     </del>			
		US-	<del>                                     </del>				_
		US-	<del>                                     </del>	+	<del></del>		
		US- ^	<del>  /                                   </del>				_
		US-	<del>!/</del>				_
		US-	<del></del>		<del></del>		_
		US- 7	<del>1</del>				_
		US- /	<del> </del>				_
		US-	} <del></del>	+			_
	لــــا		·				_
xaminer	Cite	Foreign Patent Document	FOREIGN PAT	ENT DOCU ublication	MENTS  Name of Patentee or	Pages, Columns, Lines,	_
nitials*	No.1	Poleign Paterit Document		Date Applicant of Cited Docume			
		Country Code <sup>3</sup> Number Trind Code <sup>5</sup> (if kn	Own)			Or too tall right of Appear	ļ
							Ļ
					, _ ,		Ļ
							L
		<b></b>					Ļ
							L
							ı

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Transition is auacines. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.